

**APPENDIX**  
**MARK UP VERSION SHOWINGS CHANGES MADE**

**IN THE CLAIMS:**

The claims have been amended as indicated below.

1. (Amended) A process for the replication of a nucleic acid template comprising  
bonding a primer having a sequence complementary to a portion of a nucleic acid  
template to a carrier macromolecule that does not inhibit DNA polymerase activity;  
hybridizing the bound primer [hybridising] to said template; [a primer having a  
sequence complementary to a portion of said template, which primer is bound to a carrier  
macromolecule,] and  
  
extending said primer to replicate said template in complementary form.

18. (Amended) A method of detecting the presence of a nucleic acid bound to a carrier  
macromolecule comprising:  
  
providing a first nucleic acid bound to a carrier macromolecule that does not inhibit  
DNA polymerase activity;  
  
providing a second nucleic acid bound to a carrier macromolecule that does not inhibit  
DNA polymerase activity,  
  
contacting said first and second nucleic acids under hybridization conditions, and  
detecting [hybridisation] hybridization between said first and second nucleic acids.

21. (Amended) An immobilized nucleic acid comprising a nucleic acid bound to a carrier macromolecule that does not inhibit DNA polymerase activity, which macromolecule is itself bound to a solid support.

22. (Amended) A method of using the [The use of an] immobilized nucleic acid as claimed in Claim 21 comprising:

formulating the immobilized nucleic acid as a primer or as a hybridization probe and  
introducing the immobilized nucleic acid into a reaction utilizing a primer or a  
hybridization probe.